IMAGE orbit 2009 081 (03/22) 07:10 UT to 2009 081 (03/22) 21:30 UT PCAP **OVAL CLEFT CUSP** PSPHERE MSPHERE 10 10 8 18 Z(SM) 80 .08 2 0 3 0 **-1** 0 2 3 2 **-1** 4 1 1 X(SM)Y(SM) 10 to MAGNETOPAUSE-BLUE, to PLASMAPAUSE-RED DISTANCE in RE 5 0 -5 _PE-BLACK, F_CE-RED, F_GEO-GREEN, F_MP-E∭U 1000 FREQ(kHz) 100 10 UT 7:00 RE 1.0 L 2.7 ILAT 52.7 MLAT 52.8 MLT 2.3 10:00 6.2 60.2 82.6 71.3 16.3 19:00 5.5 8.5 69.9 36.4 13.9 22:00 2.5 5.5 64.8 47.7 2.1 13:00 8.2 33.7 80.1 16:00 8.0 23.7 78.1

54.5 14.7

60.4 15.5

6

Z(SM)

2

0

-2

0

2

4

2

Mon Jul 17 14:03:52 2006

X(SM)

3

0

- 1

Y(SM)